

D/OSA FILE - M
0200170004-5

Approved For Release 2002/08/21 : CIA-RDP89B00980R000200170064-5

LOCKHEED AIRCRAFT CORP.			ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>			LAC -173				
DATE 18 February 1964			AFFECTS: WSPO <input type="checkbox"/>			PROJECT <input checked="" type="checkbox"/>				
NAME OF MAJOR COMPONENT YOKE ASSEMBLY		PART OR LOWEST SUBASSEMBLY			PART NO. & MODEL OR TYPE					
TITLE OF PROPOSAL: Redesign of Rear Carriage Yoke Assembly (J75 Engine Installation)										
NATURE OF PROPOSAL: <div style="text-align: center; padding: 20px;">SEE PAGE 2</div>										
REASON FOR PROPOSAL: Over the past 2 years a large quantity of yoke assemblies have been reworked because of thread failure on adjustment bolt P/N 75GH41. Thread failure was caused by eccentric loading on the bolt and rough thread surfaces. Existing bolt should be replaced by a larger bolt with rolled threads and the yoke assemblies modified accordingly.										
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
CP	ESTIMATED COST FOR KITS OR PARTS: SEE PAGE 2 and 3 ADDITIONAL FUNDING REQUIRED: NONE - SP-1922									
ITEMS AFFECTED BY PROPOSAL:										
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input type="checkbox"/>	PERFORM- ANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input checked="" type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input checked="" type="checkbox"/>	MAINTENANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input checked="" type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTENANCE MANUAL <input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD										
SOURCE OF PARTS FOR KIT LAC					AVAILABILITY _____ WEEKS AFTER APPROVAL SEE PAGE 3					
DISPOSITION OF SPARES AFFECTED REWORK										
INITIATED BY: LAC					APPROVED: XWSDX					

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NATURE OF PROPOSAL:

Replace existing rear engine carriage yoke P/N 72GH27 with new yoke assembly incorporating a 3/4 diameter carriage adjustment bolt instead of the present P/N 75GH41 1/2 diameter bolt.

Rework and reidentify P/N 75GH26 cradle assembly and replace P/N 75GH28 to accommodate new bolt. Rework P/N 75GH24 Track Support station 555 bulkhead to provide clearance for new bolt head. Replace engine aft support link P/N 75P32 with new link to accommodate new yoke.

Prepare and issue S/B's as follows:

- A. Kit to replace P/N 75P32 on all airplanes and engine QEC's with new part.
- B. Kit to rework P/N 75GH26 Cradle and provide new parts to replace P/N 75GH28 washer and P/N 75GH27 yoke.
- C. Kit to rework P/N 75GH24 track support.

NOTE:

1. Incorporation of these 3 modifications must be coordinated to assure proper ground handling equipment is available after engine and airplane kits are incorporated.
2. Contractor recommends factory rework of P/N 75GH26 Cradle.

There is no weight change to the aircraft.

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